

Figure 1  
Prior Art

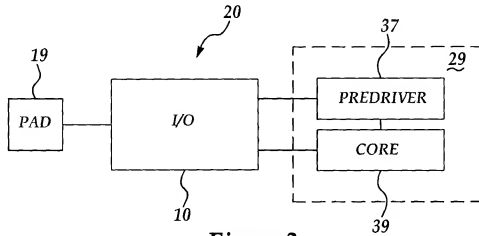


Figure 2

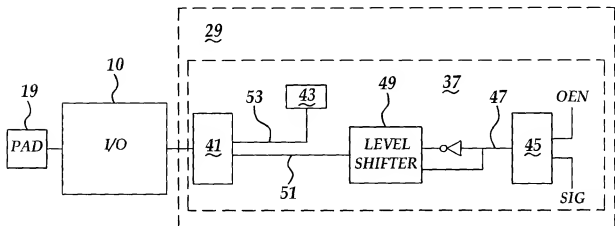


Figure 3

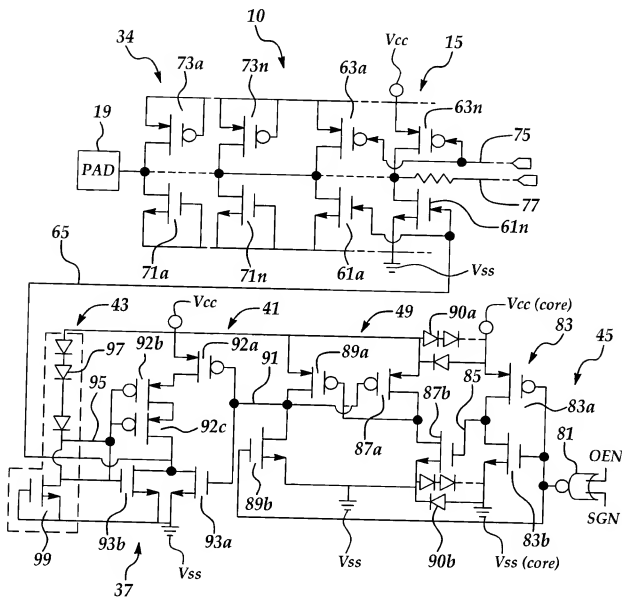


Figure 4

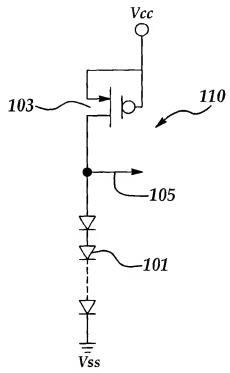


Figure 5

OEN	SIG	VE	PRE	COMMENTS	
0	0	1	0	Low-side Output enable.	Voltage excursion event detected
0	1	1	0		Pre-driver signal forced low.
0	0	0	1		No voltage excursion event detected.
0	1	0	0		Pre-driver signal passes data signal.
1	X	X	0	Low-side Output disable.	Pre-driver signal forced low.

Figure 6